



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/686,561
		Filing Date	October 17, 2003
		First Named Inventor	BARBER, ET AL.
		Art Unit	3711
		Examiner Name	Not Yet Assigned
Sheet 1	of 3	Attorney Docket Number	RIT0004-US

CEG ELNK

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number- Kind Code <sup>2</sup> (if known)	MM-DD-YYYY		
mm		US-1,250,971	12/25/1917	Converse	
		US-1,541,556	06/09/1925	Fisher	
		US-1,629,199	05/17/1927	Bosslet	
		US-2,320,292	05/25/1943	Nelson	
		US-2,570,625	10/09/1951	Zimmerman, et al.	
		US-2,869,692	01/20/1959	Hassett	
		US-2,911,740	11/10/1959	Miller	
		US-3,184,882	05/25/1965	Vega	
		US-3,193,293	07/08/1965	Schaper	
		US-3,196,579	07/27/1965	Lepper	
		US-3,254,440	06/07/1966	Duggar	
		US-3,566,531	03/02/1971	Hasel, et al.	
		US-3,603,004	09/07/1971	Fink	
		US-3,872,620	03/25/1975	Daenen	
		US-3,998,004	12/21/1976	Ehrlich	
		US-4,030,236	06/21/1977	Schnabel	
		US-4,233,778	11/18/1980	Lemelson	
		US-4,270,303	06/02/1981	Xanthopoulos, et al.	
		US-4,295,832	10/20/1981	Karell	
		US-4,297,816	11/03/1981	Kella, et al.	
		US-4,536,162	08/20/1985	Ace, Jr., deceased, et al.	
		Des. 281,181	10/29/1985	Knudsen	
		US-4,602,908	07/29/1986	Kroeber	
		US-4,604,073	08/05/1986	Livesey, et al.	
		US-4,650,437	03/17/1987	Sitkus	
		Des. 303,819	10/03/1989	Frederiksen	
		US-4,897,066	01/30/1990	Tapdrup, et al.	
		US-4,941,859	07/17/1990	Zaruba	
		US-4,992,069	02/12/1991	Bolli, et al.	
		US-5,186,672	02/16/1993	Tung	
		US-5,194,031	03/16/1993	Sahler	
		US-5,230,195	07/27/1993	Sease	
		US-5,330,379	07/19/1994	Roh et al.	
		Des. 352,749	11/22/1994	Ryaa, et al.	
		Des. 353,639	12/20/1994	Ryaa, et al.	
		Des. 357,512	04/18/1995	Ishikawa	
		Des. 357,716	04/25/1995	Ishikawa	
		Des. 358,441	05/16/1995	Houry, et al.	
		Des. 359,984	07/04/1995	Mak	
		US-5,460,561	10/24/1995	Dahlgren	
		US-5,483,764	01/16/1996	Lin	
		Des. 371,404	07/02/1996	Köhler	
		Des. 371,584	07/09/1996	Knudsen	
		US-5,544,870	08/13/1996	Kelley, et al.	
		US-5,580,316	12/03/1996	Hill, et al.	
		Des. 380,519	07/01/1997	Van Huystee	
		US-5,674,104	10/07/1997	Ohashi, et al.	
		US-5,674,103	10/07/1997	Bean	
		Des. 384,989	10/14/1997	Andersen	

mm  
Examiner6/15/07  
Date

Substitute for form 1449A/PTO		<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		Application Number	10/686,561
		Filing Date	October 17, 2003
		First Named Inventor	BARBER, ET AL.
		Art Unit	3711
		Examiner Name	Not Yet Assigned
Sheet 2	of 3	Attorney Docket Number	RIT0004-US

CEG/ELENIK

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number- Kind Code <sup>2</sup> (if known)			
umc		US-5,733,165	03/31/1998	Kelley	
		US-5,746,638	05/05/1998	Shiraishi	
		US-5,775,969	07/07/1998	Pedersen	
		Des. 397,188	08/18/1998	Bro, et al.	
		US-5,827,106	10/27/1998	Crepeau, et al.	
		US-5,865,660	02/02/1999	Smith	
		US-5,890,338	04/06/1999	Rodríguez-Ferré	
		Des. 409,261	05/04/1999	Kelley	
		US-6,024,626	02/15/2000	Mendelsohn	
		US-6,066,022	05/23/2000	Fobean, et al.	
		US-6,086,444	07/11/2000	Glickman	
		US-6,183,332	02/06/2001	Yamazaki	
		US-6,196,848	03/06/2001	Yamazaki	
		US-6,383,084	05/07/2002	McEachen, et al.	
		US-2002/0065016	05/30/2002	Huang	
		US-6,431,936	08/13/2002	Kiribuchi	
		US-6,447,358	09/10/2002	Mikkelsen, et al.	
		US-6,464,553	10/15/2002	Huang	
		US-2002/0193046	12/19/2002	Zebersky	
		US-D467,971	12/31/2002	Mak	
		US-6,508,689	01/21/2003	Mikkelsen, et al.	
		US-6,565,406	05/20/2003	Huang	
		US-6,626,727	09/30/2003	Balanchi	
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>2</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
umc		JP 9-10448 (with abstract)	01/14/1997	Rodríguez		<input type="checkbox"/>
		WO 93/22018 (with abstract)	11/11/1993	Better Blocks Int'l. Ltd.		<input type="checkbox"/>
		CH 311259	01/31/1956	Köhner		<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>

Examiner Signature	<i>[Signature]</i>	Date Considered	6/15/07
--------------------	--------------------	-----------------	---------

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/686,561
		Filing Date	October 17, 2003
		First Named Inventor	BARBER, ET AL.
		Art Unit	3711
		Examiner Name	Not Yet Assigned
Sheet 3	of 3	Attorney Docket Number	RIT0004-US

CEG/ELN/K

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Examiner Signature	<i>[Signature]</i>	Date Considered	6/15/07
--------------------	--------------------	-----------------	---------

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

# INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)

JUN 15 2004

Docket Number (Optional)

RIT0004-US

Application Number

10/686,561

Applicant(s)

EARL BARBER ET AL.

Filing Date

OCTOBER 17, 2003

Group Art Unit

3711

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
UMC	1	4,306,373	12/22/81	CHATANI ET AL.	46	25	08/07/79
UMC	2	5,273,477	12/28/93	ADAMS, JR.	446	108	01/22/93

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
UMC	1	12 42 131 B	06/08/67	GERMANY				✓
UMC	2	1 501 680 A	11/10/67	FRANCE				✓
UMC	3	506 204 A	05/24/39	GREAT BRITAIN			✓	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

UMC		COPY OF INTERNATIONAL SEARCH REPORT DATED MAY 24, 2004
		COPY OF WRITTEN OPINION

EXAMINER	UMC	DATE CONSIDERED	6/15/07
----------	-----	-----------------	---------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Docket Number (Optional) <b>RIT0004-US(522283-0322899)</b>	Application Number <b>10/686,561</b>
Applicant(s) <b>EARL BARBER ET AL.</b>	
Filing Date <b>OCTOBER 17, 2003</b>	Group Art Unit <b>3711</b>

U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

**EXAMINER**

**DATE CONSIDERED**

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.